



United States Air Force

Scientific Advisory Board

Dr. O'Dean P. Judd

Private Consultant

EDUCATION:

University of California, Los Angeles

Ph.D., Physics, 1968

M.S., Physics, 1961

WORK EXPERIENCE:

Technical Advisor and Private Consultant, present.

Los Alamos National Laboratory Fellow, 1990-present.

National Intelligence Council, Washington, DC

National Intelligence Officer for Science and Technology, 1993-1994.

Los Alamos National Laboratory

Chief Scientist, Energy and Environment, 1992-1993.

Chief Scientist, Defense Research and Application, 1972-1992.

Strategic Defense Initiative Organization, Pentagon, Washington, DC

Chief Scientist, 1987-1990.

University of New Mexico

Adjunct Professor of Physics and Astronomy, 1981-1990.

Hughes Research Laboratory

Staff Physicist, 1959-1972.



AREAS OF EXPERTISE:

Plasma physics, electromagnetic theory, high power lasers, particle beams, and microwaves, laser-matter interactions, laser fusion, laser isotope separation and laser chemistry, science and technology, national security policy, intelligence, defense science and technology, conventional and nuclear weapons, missiles and missile defense systems, directed energy weapons, optical systems, space and space systems.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

Institute of Electronic and Electrical Engineers, Fellow; American Association of the Advancement of Science, Fellow; American Physical Society; Los Alamos National Laboratory, Fellow; Secretary of Defense Medal for Exceptional Meritorious Civilian Service-1990; Institute for the Advancement of Engineering, Fellow.
